



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,352	04/08/2004	Markus Hartmann	DT-6785	8129
30377	7590	03/01/2006	EXAMINER	
DAVID TOREN, ESQ. ABELMAN FRAYNE & SCHWAB 666 THIRD AVENUE NEW YORK, NY 10017-5621			LANDRUM, EDWARD F	
			ART UNIT	PAPER NUMBER
			3724	

DATE MAILED: 03/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/820,352

Applicant(s)

HARTMANN, MARKUS

Examiner

Edward F. Landrum

Art Unit

3724

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gerritsen (U.S Patent No. 5,421,091) in view of Hall (U.S Patent No. 2,663,291).

Gerritsen teaches (see Figure 1) a motor driven reciprocating saw comprising a housing (12), guide means (25) with a connection element (28) that is releasably connectable to the housing (12). The housing (12) has a connection means (20 and 45) the plunger (45) being adjustable. The plunger has a spring (52) attached to it for biasing the adjusting device (45) to a locking position. Both grooved support arms on the connection element (28) of the guide means (25) are released in the same direction (see Figure 1). The plunger (45) moves away from the housing side (20a) when releasing the guide means (25) from the housing. Moreover, the plunger (45) has two separate parts; an actuation element (54) is located on one side and an adjusting element (46) on the other.

Gerritsen teaches all of the elements of the current invention as stated above except the spring member being a rectilinear springy bar secured to the housing by a screw.

Hall teaches (Col. 2, lines 20-38; also see Figure 2) a button/trigger element (22) attached to a straight spring bar (20). The spring bar (20) is attached to the housing (10) with a single screw (21). When the trigger (22) is depressed the spring moves thereby releasing a projected device. When the trigger (22) is released the spring moves back into its normal holding position.

It would have been obvious to have modified Gerritsen to incorporate the teachings of Hall to provide a adjustment device that is easier to manufacture while still providing the spring bias necessary to keep the adjusting element in place while the saw is in use.

3. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over the modified device of Gerritsen in view of Osada et al (U.S. Patent No. 6,523,267), hereinafter Osada, in further view of Smolinski et al (U.S. Patent No. 5,992,540), hereinafter Smolinski.

The modified device of Gerritsen teaches all of the elements of the current invention as stated above except the saw comprising a hand-protecting member securable to the housing and covering the actuating element.

Osada teaches (see Figure 5) providing a cover (24c and h) securable to the neck of a reciprocating saw for the purpose of keeping heat away from a user's hands while also making the saw easier to handle by increasing the coefficient of friction between the saw and the user's hands (Col. 4, lines 47-58).

Smolinski teaches (see Figure 6) providing a cover for a hand tool further comprising a cover (57) made of flexible material for a button found on the device (Col. 4, lines 23-37).

It would have been obvious to have modified the modified device of Gerritsen to incorporate the teachings of Osada and Smolinski to provide a cover that enabled a user to grip the saw better and reduce any heat associated with using the saw while also providing a cover to not allow any material from entering the saw around the adjustment element that could potentially cause the adjustment element to break.

4. Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over the modified device of Gerritsen in view of Stowell et al (U.S Patent No. RE37,190), hereinafter Stowell.

The modified device of Gerritsen teaches all of the elements of the current invention as stated above except for the flexible region of the cover above the button having a rippled surface.

Stowell teaches (Col. 3, lines 66-67; Col. 4, lines 1-4; also see Figures 1, 2, and 7) the use of elastomeric fins to enhance a user's grip at a meant to be depressed by the user.

It would have been obvious to have modified the modified device of Gerritsen to incorporate the teachings of Stowell to provide a rippled surface to enhance a user's grip at a button depressing location so the user would have an easier time depressing the button.

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Roe (U.S Patent No. 6,272,757) teaches the use of a spring biased adjustment device on a reciprocating saw. Livermont (U.S Patent No. 2,371,901) teaches the use of a rectilinear spring bar. Reed (U.S Patent No. 1,984,430), and Nowak et al (U.S Patent No. 6,574,015) teach covers for hand tools.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edward F. Landrum whose telephone number is 571-272-5567. The examiner can normally be reached on Monday-Friday 8-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Allan Shoap can be reached on 571-272-4514. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EFL  
2/21/2006

  
Allan N. Shoap  
Supervisory Patent Examiner  
Group 3700